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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/066,559	02/06/2002	Jun Minakuti	44084-505	2622

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EXAMINER

AYELE, MARIO

ART UNIT PAPER NUMBER

2622

DATE MAILED: 10/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/066,559	<b>Applicant(s)</b> MINAKUTI, JUN	
	<b>Examiner</b> Mario Ayele	<b>Art Unit</b> 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-6,8-12,14 and 15 is/are rejected.
- 7) ☒ Claim(s) 2,7 and 13 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____  |

## **DETAILED ACTION**

### ***Claim Objections***

Claims 2, 7, and 13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

**Claims 1, 3, 5-6, 8, 10-12, 14**, are rejected under 35 U.S.C. 102(e) as being anticipated by Tamura et al. (6,806,978 B1) and Tanaka et al. (6,577,338 B1)

Regarding **claims 1 and 12**, Tamura et al. discloses a connector that can be connected to a printer (column 2, lines 27-28), a transmitter that sends print data to the printer (column 5, line 47), a lock mechanism that physically locks the connection established using the connector (column 2, lines 26-27), a lock controller that maintains the lock secured by the lock mechanism at least while communication regarding printing is being carried out with the printer (column 23, lines 33-47), thus communication will not occur if lock is released.

Regarding **claims 3 and 14**, Tamura et al. discloses a data supplier comprises a digital camera (column 20, line 29-30).

Regarding **claims 5 and 10**, Tamura et al. discloses connector is connected while the housing of the data supplier and the housing of the printer are in mutual contact (Figure 5a)

Regarding **claim 6**, the rationale provided in the rejection of claim 1 is incorporated herein. In addition Tamura et al. discloses a connector that can be connected to a data supplier that sends print data (column 2, lines 48-50), a printing portion that performs printing based on print data sent from the data supplier (Figure 4, element 73).

Regarding **claim 8**, Tamura et al. discloses printer connector is connected to a digital camera as the data supplier (column 2, 48-50).

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Regarding **claim 11**, Tanaka et al. discloses printer cable includes a cable (Figure 3, element 23).

Regarding **claim 12**, the rationale provided in the rejection of claim 1 is incorporated herein. In addition Tamura et al. discloses a transmitter that can be connected to or separated from the printing portion and that sends print data to the printing portion while being connected thereto (Figure 5b).

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 4, 9, and 15** are rejected under 35 U.S.C. 103(a) as being unpatentable over Tamura et al. in view of Machida (5,559,932).

Regarding **claims 4 and 15**, Tamura et al. does not explicitly disclose a data supplier comprises a computer. However, Machida et al. discloses a data supplier comprises a computer (column 2, lines 29-31). At the time of invention it would have been obvious to use a computer as a data supplier because a computer stores several types of media for printing.

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Regarding **claim 9**, Tamura et al. does not explicitly disclose a data supplier comprises a computer. However, Machida et al. discloses a data supplier comprises a computer (column 2, lines 29-31). At the time of invention it would have been obvious to use a computer as a data supplier connected to a printer because a computer stores several types of media for printing.

### **Conclusion**


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mario Ayele whose telephone number is 571-272-0624. The examiner can normally be reached on Monday through Friday 8:30 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on 571-272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mario Ayele  
Examiner  
Art Unit 2622

MA

  
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